

REISSUE APPLICATION

Reissue of US Patent No. 6,309,450 granted October 30, 2001
U.S. Serial No. 09/692,698 filed October 19, 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*Group**Art Unit:* Unknown)*Attorney**Docket No.:* SBM-008)*Applicant:* Peter R. Millen et al.)*Invention:* FLOW-THROUGH
ADSORBENT UNIT
ASSEMBLY FOR
RECEIVER DRYER)*Serial No.:* Unknown)*Filed:* Herewith)*Examiner:* Unknown)DECLARATION OF INVENTORS

Mail Stop Reissue
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We hereby declare that:

1. We believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed in patent number 6,309,450, granted October 30, 2001 and for which a reissue patent is sought on the invention entitled Flow-Through Adsorbent Unit Assembly For Receiver Dryer, the specification of which is attached hereto.
2. We have reviewed and understand the contents of the above-identified specification, including the Preliminary Amendment as submitted herewith. We acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

3. We verify believe the original patent to be wholly or partly inoperative or invalid by reason of the patentee claiming more or less than he had the right to claim in the patent and all errors being corrected arose without any deceptive intention.

4. At least one error which reissue is based is:

- i. European Search Report citing new references as EP073255 and U.S. 4,908,132 renders the patent partly or wholly inoperative;
- ii. Inventorship indicated in the issued patent is incorrect, two additional inventors should be added;
- iii. Amended claims define over the new references.

5. We hereby appoint Kevin R. Erdman, Regis. No. 33,687; Sarah M. Jabbari, Regis. No. 47,679; Dennis Schell, Regis. No. 48,696; Kitisri Sukhapindik, Regis. No. 47, 116; Nancy G. Tinsley, Regis. No. 37,098; Daniel Tychonievich Regis. No. 41,358; Thomas Adams, Regis. No. 48,230, Abigail Butler, Regis. No. 48,238; Adam Cox, Regis. No. 46,644; John F. Hoffman, Regis. No. 26,280; Anthony Niewyik, Regis. No. 24,871; Brian C. Paulk Reg. 40, 122, Regis. No. 40,181; Michael D. Schwartz, Regis. No. 44,326; Eric J. Groen, Regis. No. 32,230; Gerald T. Gallagher, Regis. No. 39,679; Thomas Ladd, Regis. No. 32,543, Kareem Howell, Regis. No. 53,039, and Keith Swedo, Regis. No. 43,176 of BAKER & DANIELS, as attorney(s) for the purpose of filing a reissue application, and such representation limited to transacting all business in the Patent and Trademark Office connected therewith; and

6. We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.

I, Peter R. Millen, further declare that I have no disagreement to having Daniel L. Corrigan and Timothy R. Dickson added as inventors to the reissue application.

Peter R. Millen

(Inventor's Signature)

Date:

Residence and mailing address:
4333 Route 20A
Warsaw, New York 14569

Citizenship:

Citizen of the United States of America

I, Stephen F. Sullivan, further declare that I agree to having Daniel L. Corrigan and Timothy R. Dickson added as inventors to the reissue application.

Stephen F. Sullivan

(Inventor's Signature)

Date: _____

Residence and mailing address:
159 Green Bay Drive
Boardman, Ohio 44512

Citizenship:

Citizen of the United States of America

I, Daniel L. Corrigan, further declare that the inventorship error of failing to include Daniel L. Corrigan as an inventor of the patent occurred without any deceptive intention on the part of Daniel L. Corrigan.

Daniel L. Corrigan

Daniel L. Corrigan
(Inventor's Signature)

Date: 28 October 2003

Residence and mailing address:
68 College Street East
Belleville, Ontario K8P 2E7, Canada

Citizenship:

Citizen of Canada

I, Timothy R. Dickson, further declare that the inventorship error of failing to include Timothy R. Dickson as an inventor of the patent occurred without any deceptive intention on the part of Timothy R. Dickson.

Timothy R. Dickson

TR Dickson
(Inventor's Signature)

Date: 28 October 2003

Residence and mailing address:
228 Barleson Avenue
Kingston, Ontario K7M 4H1, Canada

Citizenship:

Citizen of Canada

REISSUE APPLICATION

*Reissue of US Patent No. 6,309,450 granted October 30, 2001
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Art Unit: Unknown)
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Attorney)
Docket No.: SBM-008)
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Applicant: Peter R. Millen et al.)
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Invention: FLOW-THROUGH)
 ADSORBENT UNIT)
 ASSEMBLY FOR)
 RECEIVER DRYER)
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Serial No.: Unknown)
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Examiner: Unknown)

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2. We have reviewed and understand the contents of the above-identified specification, including the Preliminary Amendment as submitted herewith. We acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

3. We verily believe the original patent to be wholly or partly inoperative or invalid by reason of the patentee claiming more or less than he had the right to claim in the patent and all errors being corrected arose without any deceptive intention.

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6. We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.

I, Peter R. Millen, further declare that I have no disagreement to having Daniel L. Corrigan and Timothy R. Dickson added as inventors to the reissue application.

Peter R. Millen

(Inventor's Signature)

Date: _____

Residence and mailing address:
4333 Route 20A
Warsaw, New York 14569

Citizenship:
Citizen of the United States of America

I, Stephen F. Sullivan, further declare that I agree to having Daniel L. Corrigan and Timothy R. Dickson added as inventors to the reissue application.

Stephen F. Sullivan


(Inventor's Signature)

Date: 29 Oct 2003

Residence and mailing address:
159 Green Bay Drive
Boardman, Ohio 44512

Citizenship:
Citizen of the United States of America

I, Daniel L. Corrigan, further declare that the inventorship error of failing to include Daniel L. Corrigan as an inventor of the patent occurred without any deceptive intention on the part of Daniel L. Corrigan.

Daniel L. Corrigan

(Inventor's Signature)

Date: _____

Residence and mailing address:
68 College Street East
Belleville, Ontario K8P 2E7, Canada

Citizenship:
Citizen of Canada

I, Timothy R. Dickson, further declare that the inventorship error of failing to include Timothy R. Dickson as an inventor of the patent occurred without any deceptive intention on the part of Timothy R. Dickson.

Timothy R. Dickson

(Inventor's Signature)

Date: _____

Residence and mailing address:
228 Barleson Avenue
Kingston, Ontario K7M 4H1, Canada

Citizenship:
Citizen of Canada

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Docket No.: SBM-008)
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We hereby declare that:

1. We believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed in patent number 6,309,450, granted October 30, 2001 and for which a reissue patent is sought on the invention entitled Flow-Through Adsorbent Unit Assembly For Receiver Dryer, the specification of which is attached hereto.

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6. We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.

I, Peter R. Millen, further declare that I have no disagreement to having Daniel L. Corrigan and Timothy R. Dickson added as inventors to the reissue application.

Peter R. Millen

Peter R. Millen
(Inventor's Signature)

Date: 10/29/03

Residence and mailing address:
4333 Route 20A

Citizenship:
Citizen of the United States of America

Warsaw, New York 14569

I, Stephen F. Sullivan, further declare that I agree to having Daniel L. Corrigan and Timothy R. Dickson added as inventors to the reissue application.

Stephen F. Sullivan

(Inventor's Signature)

Date: _____

Residence and mailing address:
159 Green Bay Drive
Boardman, Ohio 44512

Citizenship:
Citizen of the United States of America

I, Daniel L. Corrigan, further declare that the inventorship error of failing to include Daniel L. Corrigan as an inventor of the patent occurred without any deceptive intention on the part of Daniel L. Corrigan.

Daniel L. Corrigan

(Inventor's Signature)

Date: _____

Residence and mailing address:
68 College Street East
Belleville, Ontario K8P 2E7, Canada

Citizenship:
Citizen of Canada

I, Timothy R. Dickson, further declare that the inventorship error of failing to include Timothy R. Dickson as an inventor of the patent occurred without any deceptive intention on the part of Timothy R. Dickson.

Timothy R. Dickson

(Inventor's Signature)

Date: _____

Residence and mailing address:
228 Barleson Avenue
Kingston, Ontario K7M 4H1, Canada

Citizenship:
Citizen of Canada

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Art Unit: Unknown)

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Attorney:)

Docket No.: SBM-008)

)

Applicant: Péter R. Millen et al.)

)

Invention: FLOW-THROUGH)

ADSORBENT UNIT)

ASSEMBLY FOR)

RECEIVER DRYER)

)

Serial No.: Unknown)

)

Filed: Herewith)

)

Examiner: Unknown)

)

**CONSENT AND STATEMENT UNDER
37 CFR 3.73(b) OF ASSIGNEE OF RECORD**

Mail Stop Reissue
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Multisorb Technologies, Inc., a corporation organized and existing under the laws of the State of New York, having a place of business at 325 Harlem Road, Buffalo, New York 14224-1893, avers the following statements:

1. The assignees owning an undivided interest in the original patent are Multisorb Technologies, Inc. and Halla Climate Control, Canada, Inc.;
2. Multisorb Technologies, Inc. is an assignee of Record of less than the entire right, title, and interest. The extent of its ownership interest is fifty percent (50%) in the reissue application by virtue of an Assignment recorded on October 19, 2000, Reel: 011254, Frame: 0918;

3. Multisorb Technologies, Inc. consents to the change of the inventorship and the claim amendments in accompanying application for reissue;

4. The inventors are:

Peter R. Millen
4333 Route 20A, Warsaw, New York 14569
Citizen of the United States of America

Stephen F. Sullivan
159 Green Bay Drive, Boardman, Ohio 44512
Citizen of the United States of America

Daniel L. Corrigan
68 College Street East, Belleville, Ontario K8P 2E7, Canada
Citizen of Canada

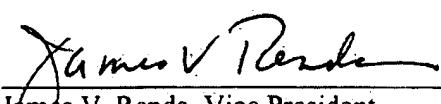
Timothy R. Dickson
228 Barleson Avenue, Kingston, Ontario K7M 4H1, Canada
Citizen of Canada

5. Multisorb Technologies, Inc. hereby appoints Kevin R. Erdman, Regis. No. 33,687; Sarah M. Jabbari, Regis. No. 47,679; Dennis Schell, Regis. No. 48,696; Kitisri Sukhapinda, Regis. No. 47,116; Nancy G. Tinsley, Regis. No. 37,098; Daniel Tychonievich Regis. No. 41,358; Thomas Adams, Regis. No. 48,230; Abigail Butler, Regis. No. 48,238; Adam Cox, Regis. No. 46,644; John F. Hoffman, Regis. No. 26,280; Anthony Niewyk, Regis. No. 24,871; Brian C. Pauls Reg. 40,122, Regis. No. 40,181; Michael D. Schwartz, Regis. No. 44,326; Eric J. Groen, Regis. No. 32,230; Gerald T. Gallagher, Regis. No. 39,679; Thomas Ladd, Regis. No. 32,543; Karcem Howell, Regis. No. 53,039; and Keith Swedo, Regis. No. 43,176 of BAKER & DANIELS, as attorney(s) for the purpose of filing a reissue application, and such representation limited to transacting all business in the Patent and Trademark Office connected therewith; and

6. I hereby declare that I am authorized to act on behalf of Multisorb Technologies, Inc. and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 19 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

29 October 2003

Date



James V. Renda, Vice President
Multisorb Technologies, Inc.

REISSUE APPLICATION

*Reissue of US Patent No. 6,309,450 granted October 30, 2001
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*Group**Art Unit:* Unknown)*Attorney**Docket No.:* SBM-008)*Applicant:* Peter R. Millen et al.)*Invention:* FLOW-THROUGH
ADSORBENT UNIT
ASSEMBLY FOR
RECEIVER DRYER)*Serial No.:* Unknown)*Filed:* Herewith)*Examiner:* Unknown)

CONSENT AND STATEMENT UNDER
37 CFR 3.73(b) OF ASSIGNEE OF ADDED INVENTORS

Mail Stop Reissue
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Halla Climate Control, Canada, Inc., a corporation organized and existing under the laws of Canada, having a place of business at 360 University Avenue, Belleville, Ontario K8N5T6, Canada, avers the following statements:

1. The assignees owning an undivided interest in the original patent are Multisorb Technologies, Inc. and Halla Climate Control, Canada, Inc.
2. Halla Climate Control, Canada, Inc. is an assignee of less than the entire right, title, and interest. The extent of its ownership interest in the reissue application is fifty percent (50%) by way of an Assignment executed on May 12, 2003 and concurrently filed for recordation (a copy of such Assignment being attached hereto);

3. Halla Climate Control, Canada, Inc. consents to the change of inventorship and the claim amendments in accompanying application for reissue;

4. The inventors are:

Peter R. Millen
4333 Route 20A, Warsaw, New York 14569
Citizen of the United States of America

Stephen F. Sullivan
159 Green Bay Drive, Boardman, Ohio 44512
Citizen of the United States of America

Daniel L. Corrigan
68 College Street East, Belleville, Ontario K8P 2E7, Canada
Citizen of Canada

Timothy R. Dickson
228 Barleson Avenue, Kingston, Ontario K7M 4H1, Canada
Citizen of Canada

5. Halla Climate Control, Canada, Inc. hereby appoints Kevin R. Erdman, Regis. No. 33,687; Sarah M. Jabbari, Regis. No. 47,679; Dennis Scholl, Regis. No. 48,696; Kitisi Sukhapinda, Regis. No. 47, 116; Nancy G. Tinsley, Regis. No. 37,098; Daniel Tychonievich Regis. No. 41,358; Thomas Adams, Regis. No. 48,230, Abigail Butler, Regis. No. 48,238; Adam Cox, Regis. No. 46,644; John F. Hoffman, Regis. No. 26,280; Anthony Niewyk, Regis. No. 24,871; Brian C. Pauls Reg. 40, 122, Regis. No. 40,181; Michael D. Schwartz, Regis. No. 44,326; Eric J. Groen, Regis. No. 32,230; Gerald T. Gallagher, Regis. No. 39,679; Thomas Ladd, Regis. No. 32,543, Karem Howell, Regis. No. 53,039, and Keith Swedo, Regis. No. 43,176 of BAKER & DANIELS, as attorney(s) for the purpose of filing a reissue application, and such representation limited to transacting all business in the Patent and Trademark Office connected therewith; and

6. I hereby declare that I am authorized to act on behalf of Halla Climate Control, Canada, Inc. and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 19 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

28 October 2003
Date

TR Dickson

Timothy R. Dickson
Research and Advanced Engineering Manager
Halla Climate Control, Canada, Inc.

ASSIGNMENT

WHEREAS, we, Daniel Corrigan, 68 College Street East, Belleville, Ontario K8P 2E7, Canada and Timothy Dickson, 228 Barleson Avenue, Kingston, Ontario K7M 4H1, Canada, respectively, have invented certain improvements in:

FLOW-THROUGH ADSORBENT UNIT ASSEMBLY FOR RECEIVER DRYER

as described and claimed in Letters Patent of The United States of America No. 6,309,450 issued on October 31, 2001; and

WHEREAS, Halla Climate Control Canada, Inc., a corporation organized and existing under the laws of Canada, having its principal place of business at 360 University Avenue, Belleville, Ontario K8N 5T6, Canada, is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent;

NOW, THEREFORE, in consideration of the sum of ONE DOLLAR (\$1.00) to us in hand paid, and for other good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we, Daniel L. Corrigan and Timothy R. Dickson, do hereby assign, sell, transfer and set over unto said Halla Climate Control Canada, Inc., its successors and assigns, the full, entire and exclusive right, title and interest, for the territory of the United States of America and for all foreign countries, in and to said invention, as described in the Letters Patent of The United States of America No. 6,309,450 identified above, and in and to any reissues, renewals or extensions thereof which may be granted on said Letters Patent, and in and to any patent application which may have been filed on said invention in countries foreign to the United States of America and any patents granted thereon; said invention, applications, and patents to be held and enjoyed by said Halla Climate Control Canada, Inc., and its successors or assigns, to the full end of the term or terms for which said patents may be granted, as fully and entirely as the same would have been held by us had this assignment not been made.

We hereby authorize and request the Patent and Trademark Office officials in the United States of America and the Patent Office officials of any and all foreign countries to issue any and all of said patents, when granted to said Halla Climate Control Canada, Inc., as the assignee of

our entire right, title and interest in and to the same for the sole use and enjoyment of said Halla Climate Control Canada, Inc., its successors and assigns.

Further, we agree to execute all papers and to give such lawful testimony and to perform such other lawful acts as said Halla Climate Control Canada, Inc., its successors and assigns may require to enable it or them to procure a Letters Patent on said invention or reissues or extensions thereof in the United States of America and/or in any foreign country, and/or to hold, enforce or convey said Letters Patent, reissues or extensions.

Executed this 12 day of May, 2003.

Daniel L. Corrigan
Daniel L. Corrigan

Province of _____
STATE OF Ontario)
City of _____) SS: _____
COUNTY OF Belleville)

Before me, the undersigned, a Notary Public in and for said ~~County~~ and State, this day personally appeared Daniel L. Corrigan, to me well known, who acknowledged the execution of the foregoing instrument as his/her free act and deed.

Rebecca Dyer
Notary Public
Rebecca Dyer
Printed Name

My Commission Expires: N/A

Province _____
County of Residence: Ontario

Executed this 12 day of May, 2003.

TD Dickson
Timothy R. Dickson

Province of _____
STATE OF Ontario)
City of _____) SS:
COUNTY OF Belleville)

Before me, the undersigned, a Notary Public in and for said ~~County and State~~, this day personally appeared Timothy R. Dickson, to me well known, who acknowledged the execution of the foregoing instrument as his/her free act and deed.

Rebecca Dyer
Notary Public
Rebecca Dyer
Printed Name

My Commission Expires: N/A

Province
County of Residence: Ontario